

## Nikon D200 Custom Functions - Version 1.5 (26-Feb-2006)

This spreadsheet allows you to record the custom functions saved in each bank on the camera or both the Shooting Menu and Custom Settings Menu

Select a cell and you can choose an option for that function from a **pick list specific to that function**.

Set up your function choices using this spreadsheet, then go to the camera (or Nikon Capture Camera Control software) and select the Shooting or Custom Settings bank A through D and adjust your settings to match.

### Version Notes:

**Ver 1.0** Ver 1.0 - Produced by Don McVey December 2005 (DWM at Nikonians.org)

**Ver 1.1** Ver 1.1 - Small modifications by CIH December 2005 (CrashMeister at Nikonians.org)

**Ver 1.2** Ver 1.2 - Modifications by David Voss December 2005 (SoCal Dave @ Nikonians.org):

- a.) > Submenus Added for Custom Image Enhancement Options (Shooting Menu > Optimize Image)
- b.) > Submenus Added for Flash Commander Mode (Custom Settings Menu e3)
- c.) > Improved User Manual Page References
- d.) > Personal Settings for Shooting Menu and Custom Settings Menu Added as Additional Sheets

**Ver 1.3** Ver 1.3 - Modifications by Brian Allston (28-Dec-2005) (Brian\_A at Nikonians.org):

- a.) Protected the worksheets to prevent accidentally changing labels and default values. No password was used so they can be unprotected as required.
- b.) Added conditional formatting to the user data cells which highlights the cell whenever the value not set to the default. This supercedes the macros installed in ver 1.2. The macros have been removed.
- c.) Removed the "N/A" option from the "Optimize Image" and "Built-In Flash Mode" sub-menu items. These sub-menu items have conditional formatting that render them invisible unless the associated main menu item is set to the required value. Otherwise, the formatting is as stated in #2.
- d.) Froze the pane to keep the row and column labels and defaults stationary while scrolling.
- e.) General clean-up of some validation list for readability and use by the conditional formatting.

**Ver 1.4** Ver 1.4 - Modifications by Don McVey (25-Feb-2006) (DWM @ Nikonians.org)

Added Playback Menu Tab to complete the listing of all custom settings in all available menus.

Added Optimize Settings Tab to show what effect the image setting choices have on individual parameters.

Added Set Up Menu Tab

Miscellaneous minor changes for clarity.

**Ver 1.5** Ver 1.5 - Modifications by CIH February 2006 (CrashMeister at Nikonians.org)

- a.) Combined Playback & Setup pages. Moved the Optimize Image Settings page to the end of the Shooting Menu page to be with the data it references. Reduced 'Yellow' intensity (old eyes); modified appearance for printing; modified printing settings for each page so that each page can be printed on the minimum number of sheets with appropriate headings etc.. As now defined, it prints very nicely on my color laser (Lexmark C510). YMMV, depending on your printer.
- b.) Added FOCUS MODE and Optimal Shutter Speed pages. (I cannot remember where I got the original focus mode page, so my apologies to the original author for not giving you credit here). I did however modify it so that the icon order matches the camera, reworded the 'How it works' and added the 'Used For' column. Many thanks to 'Digital Dave' for his article "Understanding Nikon Multi-CAM 2000 Autofocus". Everyone with a D200 should read it as it applies almost 100% to the CAM 1000 as well.
- c.) Please post your contributions to the 'Optimal Shutter Speeds' page on the Nikonians website.

## D200 Shooting Menu

Option	Default	Point & Shoot Bank A	Portrait Bank B	Landscape/Macro Bank C	Sports & Action Bank D	User Manual Page Reference
<b>Camera Options</b>						
File Naming	DSC	PAS	POR	LND	ACT	129
Optimize Image	Normal	Custom	Custom	Custom	Custom	45-48,129
> Custom Only - Sharpening	A Auto	<>+2 High	<>+1 Medium High	<>+2 High	<>+2 High	46
> Custom Only - Tone Comp	A Auto	A Auto (default)	A Auto (default)	A Auto (default)	A Auto (default)	47
> Custom Only - Color Mode	I Portrait	III Nature/Landscape + Enhanced	I Portrait (default)	III Nature/Landscape + Enhanced	II (Adobe RGB only) + Enhanced	47
> Custom Only - Saturation	0 Normal	0 (default)	A Auto	0 (default)	0 (default)	48
> Custom Only - Hue Adjustment	0 (default)	0 (default)	0 (default)	0 (default)	0 (default)	48
Color Space	sRGB	Adobe RGB	Adobe RGB	Adobe RGB	Adobe RGB	50, 129
<b>Image Quality **</b>	JPEG Normal	NEF+JPEG Normal	NEF+JPEG Normal	NEF+JPEG Fine	NEF+JPEG Normal	28, 129
<b>Image Size **</b>	Large	Large	Large	Large	Large	32, 130
JPEG Compression	Size Priority	Optimal Quality	Optimal Quality	Optimal Quality	Optimal Quality	30, 130
RAW Compression	Uncompressed	Compressed	Compressed	Compressed	Compressed	31, 130
<b>White Balance **</b>	Auto	Auto	Auto	Auto	Auto	35, 130
Long Exp. NR	Off	Off	Off	Off	Off	131
High ISO NR	On Normal	On Normal	On Normal	On Normal	On Normal	131, 152
<b>ISO Sensitivity**</b>	100	100	100	100	200	33, 132
Image Overlay	N/A	Choose Images	Choose Images	Choose Images	Choose Images	84, 132
Multiple Exposure:						86, 132
> Number of Shots	2	2				86
> Auto Gain	On	On				86
Interval Timer Shooting:						89-92,132
> Start Time	Now	Now				89-92
> Interval	00:01'00"	00:01'00"				89-92
> No. of Intervals	1	1				89-92
> No. of Shots	1	1				89-92
> Start	Off	Off				89-92
NonCPU Lens Data:						93-95,132
> NonCPU Lens Focal Length	N/A	N/A	N/A	N/A	N/A	93
> Max Aperture	N/A	N/A	N/A	N/A	N/A	95
<b>** 2 Button Reset</b>						
<b>Pre-shooting Setup</b>	<b>Control</b>					
Focus Mode (SCM)	Focus mode Selector	S- Single Servo AF	S- Single Servo AF	S- Single Servo AF	C - Continuous Servo AF	51
Autofocus Area Mode	AF-area selector	Group dynamic AF	Single-area AF	Single-area AF	Group dynamic AF	54
Metering Preference	Meter Selector	3D Matrix	Center-weighted	3D Matrix	Spot	61
Exposure Mode	Exposure mode button	A - Aperture Priority	A - Aperture Priority	A - Aperture Priority	S - Shutter Speed Priority	62-64
Shooting Mode	Mode Dial	Single	Single	Single	Ch - Continuous high	26
<b>Nikon's Optimize Image Settings</b>	(If you shoot in RAW, all Image Optimization settings can be changed later in Nikon Capture software.)					
Menu Choice	Color Mode	Tone Comp	Hue Adjustment	Saturation	Sharpening	
Normal	I	Auto	0	Auto	Auto	
Softer	I	Low Contrast	0	Auto	Low	
Vivid	III	Normal	0	Enhanced	Medium High	
More Vivid	III	High Contrast	0	Enhanced	High	
Portrait	I	Auto	0	Auto	Medium Low	
B&W	I	Normal	0	Normal	Normal	

<== Same settings used on all banks

## D200 Custom Settings Menu

Ref	Option	Default	Point & Shoot	Portrait	Landscape/Macro	Sports & Action	User Manual Page Reference
			Bank A	Bank B	Bank C	Bank D	
<b>Autofocus</b>							
a1	AF-C Mode Priority	FPS Rate	Focus	Focus	Focus	Focus	148
a2	AF-S Mode Priority	Focus	Focus	Focus	Focus	Focus	148
a3	Focus Area Frame	Normal 11 Area	Normal 11 Area	Normal 11 Area	Normal 11 Area	Normal 11 Area	148
a4	Group Dynamic AF	Pattern 1/Center	Pattern 1/Closest Subject	Pattern 1/Center	Pattern 1/Center	Pattern 1/Closest Subject	149-150
a5	Lock-On	Normal	Normal	Normal	Normal	Normal	150
a6	AF Activation	Shutter/AF-ON	Shutter/AF-ON	Shutter/AF-ON	Shutter/AF-ON	Shutter/AF-ON	151
a7	AF Area Illumination	Auto	Auto	Auto	Auto	Auto	151
a8	Focus Area	No Wrap	Wrap	Wrap	Wrap	Wrap	151
a9	AF Assist Light	On	On	On	Off	Off	152
a10	AF-On for MB-200	AF-ON+Focus Area	AF-ON+Focus Area	AF-ON+Focus Area	AF-ON+Focus Area	AF-ON+Focus Area	152
<b>Metering/Exposure</b>							
b1	ISO Auto	Off	On	Off	Off	On	152-153
	> Max Sensitivity	1600	800			800	
	> Min Shutter Speed	1/30	1/125			1/125	
b2	ISO Step	1/3 step	1/2 step	1/2 step	1/2 step	1/2 step	154
b3	EV Step	1/3 step	1/3 step	1/3 step	1/3 step	1/3 step	154
b4	Exp Comp/Fine Tune	1/3 step	1/3 step	1/3 step	1/3 step	1/3 step	154
b5	Easy Exposure Comp	Off	Off	Off	Off	Off	155
b6	Center Weighted Area	8mm	10mm	10mm	8mm	8mm	155
b7	Fine Tune Exposure:	Off	Off	Off	Off	Off	156
	> Max Metering	0					
	> Center Weighted	0					
	> Spot Metering	0					
<b>Timers/AE&amp;AF Lock</b>							
c1	AE Lock	AE-L/AF-L Button	AE-L/AF-L Button	AE-L/AF-L Button	AE-L/AF-L Button	AE-L/AF-L Button	156
c2	AE-L/AF-L	AE/AF Lock	AE/AF Lock	AE/AF Lock	AE/AF Lock	AE/AF Lock	156-157
c3	Auto Meter Off	6 sec	16 sec	16 sec	16 sec	16 sec	157
c4	Self Timer Delay	10 sec	10 sec	5 sec	5 sec	5 sec	157
c5	Monitor Off Delay	20 sec	1 min	1 min	1 min	1 min	157
<b>Shooting/Display</b>							
d1	Beep	High	Low	Low	Low	Low	158
d2	Grid Display	Off	On	On	On	On	158
d3	Viewfinder Warning	On	On	On	On	On	158
d4	CL Shooting Speed	3 fps	3 fps	3 fps	3 fps	3 fps	158
d5	Exp. Delay Mode	Off	Off	Off	Off	Off	158
d6	File No. Sequence	Off	On	On	On	On	159
d7	LCD Illumination	Off	Off	Off	Off	Off	159
d8	MB-200 Battery Type	AA Alkaline	AA Alkaline	AA Alkaline	AA Alkaline	AA Alkaline	160

## D200 Custom Settings Menu

Ref	Option	Default	Point & Shoot Bank A	Portrait Bank B	Landscape/Macro Bank C	Sports & Action Bank D	User Manual Page Reference
	<b>Bracketing/Flash</b>						
e1	Flash Sync Speed	1/250	1/250	1/250	1/250	1/250	160
e2	Flash Shutter Speed	1/60	1/60	1/60	1/60	1/60	161
e3	Built-in Flash Mode	TTL	TTL	Commander Mode	TTL	TTL	161-165
	> Commander Only - Built In	TTL 0		--			
	> Commander Only - Group A	TTL 0		TTL 0 (default)			
	> Commander Only - Group B	TTL 0		TTL -3.0			
	> Commander Only - Channel	3		1			
e4	Modeling Flash	ON	Off	On	On	Off	166
e5	Auto Bracket Set	AE & Flash	AE & Flash	AE & Flash	AE & Flash	AE & Flash	166
e6	Manual Mode Bracketing	Flash/Speed	Flash/Speed	Flash/Speed	Flash/Speed	Flash/Speed	167
e7	Auto Bracket Order	Meter>Under>Over	Under>Meter>Over	Under>Meter>Over	Under>Meter>Over	Under>Meter>Over	167
e8	Auto Bracket Selection	Manual Value Select	Manual Value Select	Manual Value Select	Manual Value Select	Manual Value Select	167
	<b>Controls</b>						
f1	Center Button Multi-selector:						168
	> Shooting	Center AF Area	Center AF Area	Center AF Area	Center AF Area	Center AF Area	
	> Playback	Thumbnail On/Off	Zoom On/Off	Zoom On/Off	Zoom On/Off	Zoom On/Off	
	> Zoom Ratio	Low Magnification	Low Magnification	Med Magnification	Low Magnification	Low Magnification	
f2	Multi-selector	Do Nothing	Do Nothing	Do Nothing	Do Nothing	Do Nothing	169
f3	Photo Info/Playback	Info ↑↓/PB←→	Info ↑↓/PB←→	Info ↑↓/PB←→	Info ↑↓/PB←→	Info ↑↓/PB←→	169
f4	FUNC Button	FV Lock	Focus Area Frame	FV Lock	Focus Area Frame	Focus Area Frame	170
f5	Command Dials:						170-171
	> Rotate	Normal	Normal	Normal	Normal	Normal	
	> Reverse Main/Sub	Off (Main-Sp/Sub-Ap)	On (Main-Ap/Sub-Sp)	On (Main-Ap/Sub-Sp)	On (Main-Ap/Sub-Sp)	On (Main-Ap/Sub-Sp)	
	> Aperture	Sub-command Dial	Sub-command Dial	Sub-command Dial	Sub-command Dial	Sub-command Dial	
	> Menus and Playback	Off	On	On	On	On	
f6	Buttons & Dials	Default	Default	Default	Default	Default	172
f7	No Memory Card	Lock Shutter	Lock Shutter	Lock Shutter	Lock Shutter	Lock Shutter	172

D200 Playback Menu				
Menu	Option	Default	Selected	User Manual Page Reference
Delete	Selected	n/a		134
	All	n/a		134
Playback Folder	Choose Folder	ND200	Current	135
Slideshow	Start	n/a		135
	Frame Interval	2s	2s	136
Hide Image	Select/Set	n/a		137
	Deselect All	n/a		138
Print Set	Select/Set	n/a		139
	Deselect All	n/a		140
Display Mode	Data	Yes	Yes	141
	Histogram	Yes	Yes	141
	Highlights	Yes	Yes	141
	RGB Histogram	Yes	Yes	141
Image Review	Focus Area	No	Yes	141
After Delete	Off or On	Off	Off	141
Rotate Tall	Next, Previous, As before	Show Next	Continue as Before	142
	Off or On	Off	Off	142

D200 Setup Menu				
Menu	Option	Default	Selected	User Manual Page Reference
Format	Formats Memory Card	n/a		116
LCD Brightness	Set monitor brightness	0	0	116
Mirror Lock-up	For Sensor Cleaning	n/a		117
Video Mode	NTSC	NTSC	NTSC	117
World Time	Set Time and Date	n/a		117
Language	Choose Menu Language	n/a		118
Image Comment	Comment Embedded in EXIF	n/a	User Defined	118
Auto Image Rotation	On	On	On	119
Recent Settings	No	No	No	119
USB	Lock or Unlock Menu	Mass Storage	PTP	121
Dust Off Ref Photo	n/a			121
Battery Info	n/a			123
Firmware Version	n/a			123

### Optimal Shutter Speed Reference

Subject	From	To	Comments
Baseball	1/500	1/1000	Depending on angle from camera to path of ball.
Prop Aircraft	1/60	1/125	Will give a range of prop blur.
Racing Cars	1/200	1/500	Depends on panning. Slower speeds show wheel movement which indicates car
Soccer	1/500	1/1000	Daytime. Night - get the best shutter speed you can. Always shoot wide open or close to it for DOF.

D200 Focus Information					
Focus mode	AF-area mode	Focus area selection	How it works		Used For
AF-S		<i>Closest Subject</i>	Camera selects closest/brightest subject.	Camera selects focus area containing subject closest to camera from all eleven focus areas.	Point & Shoot
		<i>Group Dynamic</i>	Camera selects focus area from within group.	Closest Subject: Camera selects focus area from within group. Center: Camera uses center focus area of group, but will use other focus areas if subject moves.	Erratic subjects for single-press shooting.
		<i>Dynamic Area</i>	User selected focus area.	Camera focuses on subject in selected focus area. If subject moves before camera has focused, camera will focus based on information from other focus areas. Focus will remain locked while shutter-release button is pressed half way.	Erratic subjects for single-press shooting.
		<i>Single Area</i>	User selected focus area.	Camera focuses on subject in selected focus area. Focus will remain locked while shutter-release button is pressed half way.	Static centered subjects
AF-C		<i>Closest Subject</i>	Camera selects closest/brightest subject.	Camera selects focus area containing subject closest to camera from all eleven focus areas.	Flight ?
		<i>Group Dynamic</i>	Camera selects focus area from within group.	Closest Subject: Camera selects focus area from within group. Center: Camera uses center focus area of group, but will use other focus areas if subject moves.	Erratic subjects where area of movement is limited or off-center composition is required.
		<i>Dynamic Area</i>	User selected focus area.	Camera focuses on subject in selected focus area. While shutter-release button is pressed halfway, camera tracks subject as it moves from one focus area to the next.	Erratic subjects.
		<i>Single Area</i>	User selected focus area.	Camera continues to focus on subject in selected focus area while shutter-release button is pressed halfway.	Large or slow moving objects.